**TRANSMITTAL OF FORMAL DRAWINGS**

(In Response to Notice of Informal Drawings)

Docket No.
O013 P00770-USIn Re Application Of: **SCOTT, Jeffrey W.**

Serial No.	Filing Date	Batch No.	Examiner	Art Unit
09/535,629	03/24/2000	Confirm No. 2082	NGUYEN, Tuan N.	2828

Invention: **ENCAPSULATED OPTOELECTRONIC DEVICES WITH CONTROLLED PROPERTIES**

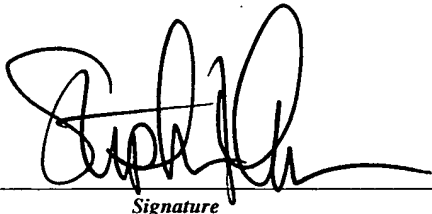
Address to:
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

In response to the NOTICE OF INFORMAL DRAWINGS mailed on 09/24/2004 attached please find:
(date)

(a) 23 sheets of formal drawing(s) for this application.

☒ Each sheet of drawing indicates the identifying indicia suggested in 37 CFR Section 1.84(c).

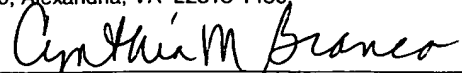
(b) A copy of the NOTICE OF INFORMAL DRAWINGS.


Signature

Stephen J. Holmes, Reg. No. 34,621
BARLOW, JOSEPHS & HOLMES, LTD.
101 Dyer Street, 5th Floor
Providence, RI 02903
Tel: 401-273-4446
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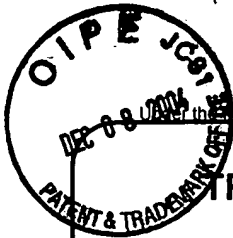
Dated: 12/6/04

I certify that this document and attached drawings are
being deposited on 12/6/04 with the U.S.
Postal Service as first class mail under 37 C.F.R. 1.8 and
addressed to the Commissioner for Patents, P.O. Box
1450, Alexandria, VA 22313-1450.


Signature of Person Mailing Correspondence

Cynthia M. Branca

Typed or Printed Name of Person Mailing Correspondence



TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

30

Application Number	09/535,629
Filing Date	03/24/2000
First Named Inventor	SCOTT, Jeffrey W.
Art Unit	2828
Examiner Name	NGUYEN, TUAN N.
Attorney Docket Number	O013 P00770-US

ENCLOSURES (Check all that apply)

- | | | |
|--|--|---|
| <input type="checkbox"/> Fee Transmittal Form
<input type="checkbox"/> Fee Attached
<input type="checkbox"/> Amendment/Reply
<input type="checkbox"/> After Final
<input type="checkbox"/> Affidavits/declaration(s)
<input type="checkbox"/> Extension of Time Request
<input type="checkbox"/> Express Abandonment Request
<input type="checkbox"/> Information Disclosure Statement

<input type="checkbox"/> Certified Copy of Priority Document(s)
<input type="checkbox"/> Reply to Missing Parts/ Incomplete Application
<input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53 | <input checked="" type="checkbox"/> Drawing(s)
<input type="checkbox"/> Licensing-related Papers
<input type="checkbox"/> Petition
<input type="checkbox"/> Petition to Convert to a Provisional Application
<input type="checkbox"/> Power of Attorney, Revocation
Change of Correspondence Address
<input type="checkbox"/> Terminal Disclaimer
<input type="checkbox"/> Request for Refund
<input type="checkbox"/> CD, Number of CD(s) _____
<input type="checkbox"/> Landscape Table on CD | <input type="checkbox"/> After Allowance Communication to TC
<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Status Letter
<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
Issue Fee Transmittal - Part B |
|--|--|---|

Remarks

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	Barlow, Josephs & Holmes, Ltd.		
Signature			
Printed name	Stephen J. Holmes		
Date	12/6/04	Reg. No.	34,621

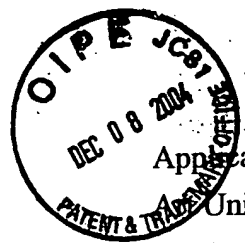
CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature			
Typed or printed name	Cynthia M. Branca	Date	Dec 6, 2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



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DETAIL ACTION

Response to Amendment

1. In responding to applicant's amendment filed 06/28/2004, specification replacement for paragraph [0001] page 1 has been accepted.

Drawings

2. New corrected drawings are required in this application because it is not acceptable to the draftsman, see the attached Notice of Draftsman drawing review. New corrected drawings are required in this application because application has been allowed. The corrected drawings are required to avoid abandonment of the application.

REASON FOR ALLOWANCE

Allowable Subject Matter

3. The following is an examiner's statement of reasons for allowance - Applicant's response filed on 06/28/2004 has been considered, with respect to claims 45, 48, 51, 59, 67 and 70, the references of the record fail to teach or suggest:

an optical transparent encapsulation medium having an index of refraction substantially equal to the encapsulation medium, where the medium matching layer thickness is configured to make pre-encapsulation, on wafer, where the test characteristic substantially similar to post encapsulation functional characteristic.

4. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue

Art Unit: 2828

fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

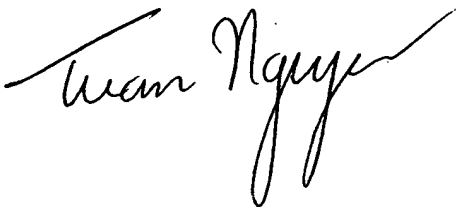
Communication Information

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Tuan N Nguyen whose telephone number is (571) 272-1948. The examiner can normally be reached on M-F.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Harvey Minsun can be reached on (703) 308-16741. The fax phone numbers for the organization where this application or proceeding is assigned are (703) 872-9318 for regular communications and (703) 872-9319 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 306-3329.

Tuan N. Nguyen

A handwritten signature in black ink, appearing to read "Tuan Nguyen", with a stylized, flowing script.

Form PTO-948 (Rev. 06/03)

Application No. 09/535629U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW

The drawing(s) filed (insert date) 2-12-03 are:

- A. ☐ approved by the Draftsperson under 37 CFR 1.84 or 1.152.
 B. ☒ objected to by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. Corrected drawings are required.

1. **DRAWINGS.** 37 CFR 1.84(a): Acceptable categories of drawings: Black ink or Color (3 sets required)
 Color drawings are not acceptable until petition is granted. Fig(s) _____
 Pencil and non black ink not permitted. Fig(s) _____
2. **PHOTOGRAPHS.** 37 CFR 1.84(b)
 One (1) full-tone set is required. Fig(s) _____
 Photographs may not be mounted. 37 CFR 1.84(c)
 Photographs must meet paper size requirements of 37 CFR 1.84(f). Fig(s) _____
 Poor quality (half-tone). Fig(s) _____
3. **TYPE OF PAPER.** 37 CFR 1.84(c)
 Paper not flexible, strong, white, and durable. Fig(s) _____
 Erasures, corrections, overwritings, interlineations, folds, copy machine marks not accepted. Fig(s) _____
4. **SIZE OF PAPER.** 37 CFR 1.84(f): Acceptable sizes:
 21.0 cm by 27.7 cm (DIN size A4) or
 21.6 cm by 27.9 cm (8 1/2 x 11 inches)
 All drawing sheets not the same size. Sheet(s) _____
 Drawing sheets not an acceptable size. Fig(s) _____
5. **MARGINS.** 37 CFR 1.84(g): Acceptable margins:
 Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm
 Margins not acceptable. Fig(s) 12, 15
☒ Top (T) ☒ Left (L)
☐ Right (R) ☐ Bottom (B)
6. **VIEWS.** 37 CFR 1.84(h)
 REMINDER: Specification may require revision to correspond to drawing changes, e.g., if Fig. 1 is changed to Fig. 1A, Fig. 1B and Fig. 1C, etc., the specification at the Brief Description of the Drawings must likewise be changed.
 Views not labeled separately or properly. Fig(s) _____
7. **SECTIONAL VIEWS.** 37 CFR 1.84(h)(3)
 Sectional designation should be noted with Arabic or Roman numbers. Fig(s) _____

8. **ARRANGEMENT OF VIEWS.** 37 CFR 1.84(i)
 Words do not appear on a horizontal, left-to-right fashion when page is either upright or turned so that the top becomes the right side, except for graphs. Fig(s) _____
9. **SCALE.** 37 CFR 1.84(k)
 Scale not large enough to show mechanism without crowding when drawing is reduced in size to two-thirds in reproduction. Fig(s) _____
10. **CHARACTER OF LINES, NUMBERS, & LETTERS.** 37 CFR 1.84(l)
☒ Lines, numbers & letters not uniformly thick and well defined, clean, durable, and black (poor line quality). Fig(s) 2, 12, 16-21A
11. **SHADING.** 37 CFR 1.84(m)
☒ Solid black areas pale. Fig(s) _____
☒ Solid black shading not permitted. Fig(s) 12
12. **NUMBERS, LETTERS, & REFERENCE CHARACTERS.** 37 CFR 1.84(p)
☒ Numbers and reference characters not plain and legible. Fig(s) 1-8, 10, 12-21A
☒ Figure legends are poor. Fig(s) 12-21A
☐ Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(1) Fig(s) _____
☐ English alphabet not used. 37 CFR 1.84(p)(2) Fig(s) _____
☐ Numbers, letters and reference characters must be at least 32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3). Fig(s) _____
13. **LEAD LINES.** 37 CFR 1.84(q)
☒ Lead lines missing. Fig(s) _____
14. **NUMBERING OF SHEETS OF DRAWINGS.** 37 CFR 1.84(t)
☐ Sheets not numbered consecutively, and in Arabic numbers beginning with number 1. Sheet(s) _____
15. **NUMBERING OF VIEWS.** 37 CFR 1.84(u)
☐ Views not numbered consecutively, and in Arabic numerals, beginning with number 1. Fig(s) _____
16. **DESIGN DRAWINGS.** 37 CFR 1.152
☐ Surface shading shown not appropriate. Fig(s) _____
☐ Solid black surface shading is not permitted except when used to represent the color black as well as color contrast. Fig(s) _____

COMMENT 5:

 Reviewer C. CHASE
 If you have questions, call (703) 305-8404.

 Date 9-10-04
 Attachment to Paper No. _____